

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number  
WO 2005/054065 A1

(51) International Patent Classification<sup>7</sup>: B65D 1/36, B01L 3/00

(21) International Application Number: PCT/FI2004/000734

(22) International Filing Date: 3 December 2004 (03.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 20031773 4 December 2003 (04.12.2003) FI

(71) Applicant (for all designated States except US): THERMO ELECTRON OY [FI/FI]; Ratastie 2, FI-01620 VANTAA (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ORHA, Tapani [FI/FI]; Kuumalankatu 2 A 3, FI-05830 HYVINKÄÄ (FI). ORHA, Jarmo [FI/FI]; Tiilitie 9, FI-05200 RAJAMÄKI (FI). JÄÄSKELÄINEN, Ari [FI/FI]; Uussillantie 28 C 10, FI-00950 HELSINKI (FI). LAHTI, Arto [FI/FI]; Välitie 32, FI-04340 TUUSULA (FI).

(74) Agent: BERGGREN OY AB; P. O. Box 16 (Jaakonkatu 3 A), FI-00101 HELSINKI (FI).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

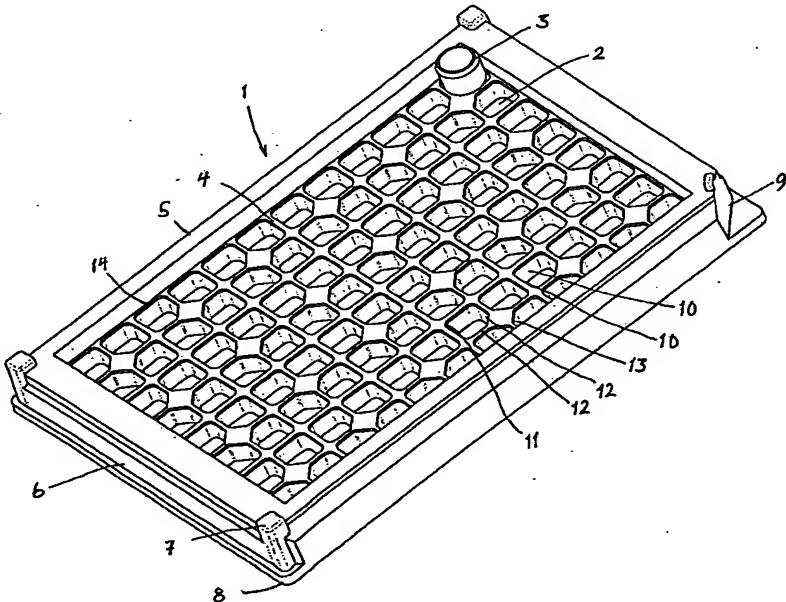
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: VESSEL TRAY



(57) Abstract: The invention relates to a tray for sample vessels comprising a plurality of orifices (2) in matrix configuration. One orifice has two positioning walls (10) defining a positioning corner. In addition, the orifice is provided with a pushing means (13), such as a flexible pushing means, which presses a sample vessel inserted into the orifice towards the positioning corner.

WO 2005/054065 A1



- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.